



U.S. Department
of Transportation

**Research and
Special Programs
Administration**

400 Seventh Street, S.W.
Washington, D.C. 20590

MAR 2 2005

DOT-E 11657
(SEVENTH REVISION)

EXPIRATION DATE: January 31, 2007

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: Air Products and Chemicals, Inc.
Allentown, PA

(See Appendix A to this document for additional list of
grantees)

2. PURPOSE AND LIMITATION:

a. This exemption authorizes the transportation in commerce of a liquefied Division 2.2 material in manifolded DOT Specification 3A, 3AA, 3AX, and 3AAX tube trailers. This exemption provides no relief from the Hazardous Materials Regulations (HMR) other than as specifically stated herein.

b. The safety analyses performed in development of this exemption only considered the hazards and risks associated with transportation in commerce.

3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.
4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR § 173.304a(a)(2) in that a non-authorized specification packaging is authorized.
5. BASIS: This exemption is based on the application of Air Products and Chemicals, Inc. dated February 11, 2005, submitted in accordance with § 107.109.

MAR 2 20056. HAZARDOUS MATERIALS (49 CFR § 172.101):

Proper Shipping Name/Hazardous Materials Description --	Hazard Class/Division	Identification Number	Packing Group
Trifluoromethane or Refrigerant gas R 23	2.2	UN1984	N/A

7. SAFETY CONTROL MEASURES:

a. PACKAGING - Prescribed packagings are DOT Specification 3A2400, 3AA2400, 3AX2400 and 3AAX2400 cylinders interconnected by manifolding in compliance with § 173.301(g).

b. OPERATIONAL CONTROLS - The maximum filling density is 95.2 percent but in no case may the gas pressure exceed 3000 psig at 130°F.

8. SPECIAL PROVISIONS:

a. A person who is not a holder of this exemption who receives a package covered by this exemption may reoffer it for transportation provided no modifications or changes are made to the package and it is reoffered for transportation in conformance with this exemption and the HMR.

b. A current copy of this exemption must be maintained at each facility where the package is offered or reoffered for transportation.

c. MARKING - Each tube trailer motor vehicle must be marked "DOT-E 11657" in letters and numbers at least two inches high on a contrasting background on both sides.

9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle.

10. MODAL REQUIREMENTS: A current copy of this exemption must be carried aboard each motor vehicle used to transport packages covered by this exemption.

11. COMPLIANCE: Failure by a person to comply with any of the following may result in suspension or revocation of this exemption and penalties prescribed by the Federal hazardous materials transportation law, 49 U.S.C. 5101 et seq:

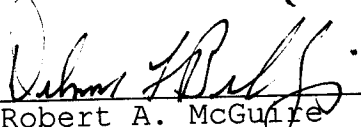
- o All terms and conditions prescribed in this exemption and the Hazardous Materials Regulations, 49 CFR Parts 171-180.
- o Persons operating under the terms of this exemption must comply with the security plan requirement in Subpart I of Part 172 of the HMR, when applicable.
- o Registration required by § 107.601 et seq., when applicable.

Each "Hazmat employee", as defined in § 171.8 who performs a function subject to this exemption must receive training on the requirements and conditions of this exemption in addition to the training required by §§ 172.700 through 172.704.

No person may use or apply this exemption, including display of its number, when the exemption has expired or is otherwise no longer in effect.

12. REPORTING REQUIREMENTS: Shipments or operations conducted under this exemption are subject to the Hazardous Materials Incident Reporting requirements specified in 49 CFR §§ 171.15 - Immediate notice of certain hazardous materials incidents, and 171.16 - Detailed hazardous materials incident reports. In addition, the grantee(s) of this exemption must notify the Associate Administrator for Hazardous Materials Safety -- OHMEA, in writing, of any incident involving a package, shipment or operation conducted under terms of this exemption.

Issued in Washington, D.C.:

Don

Robert A. McGuire
Associate Administrator for
Hazardous Materials Safety

MAR 2 2005

DATE

Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Research and Special Programs Administration, Department of Transportation, Washington, D.C. 20590.
Attention: DHM-31.

MAR 2 2005


Copies of this exemption may be obtained by accessing the Hazardous Materials Safety Homepage at <http://hazmat.dot.gov/exemptions>. Photo reproductions and legible reductions of this exemption are permitted. Any alteration of this exemption is prohibited.

PO: AM

MAR 2 2005

The following are hereby granted party status to this exemption based on their application(s) submitted in accordance with § 107.107 or § 107.109, as appropriate:

Company Name City/State	Application Date	Issue Date	Expiration Date
Airgas, Inc. Cheyenne, WY	Jun 01, 2003	Jun 05, 2003	May 31, 2005


Robert A. McGuire
Associate Administrator for
Hazardous Materials Safety